

CONTRACT PLANS COMPONENTS

ROADWAY
SIGNING AND PAVEMENT MARKING
SIGNALIZATION
LIGHTING

INDEX OF LIGHTING PLANS

SHEET NO.	SHEET DESCRIPTION
L-1	KEY SHEET
L-2	SIGNATURE SHEET
L-3	GENERAL NOTES, LEGEND AND LIGHTING DATA TABLE
L-4	LIGHTING PLAN

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLANS

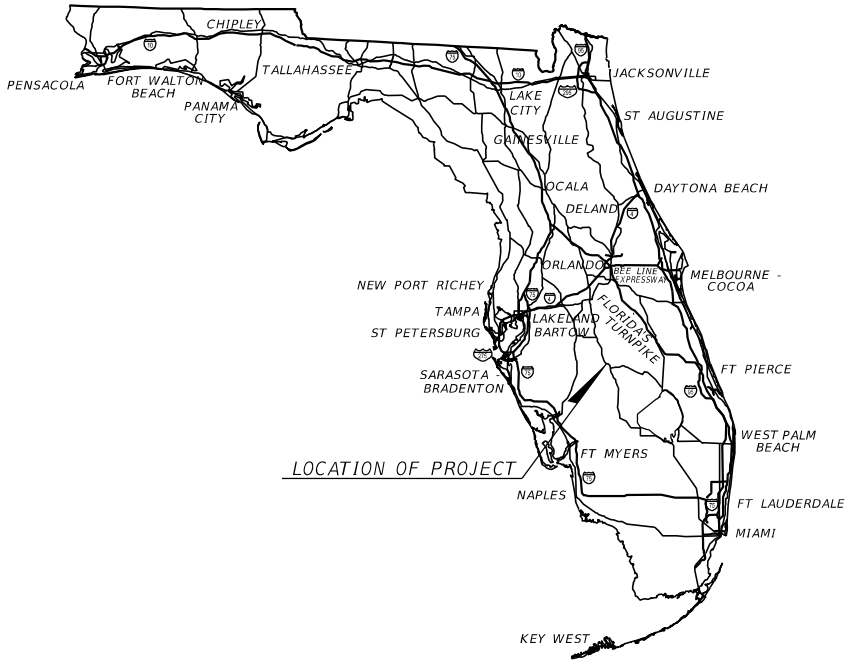
FINANCIAL PROJECT ID 451362-1-52-02
(FEDERAL FUNDS)

HIGHLANDS COUNTY (09030)

STATE ROAD NO. SR 25 (US 27)
INTERSECTION IMPROVEMENTS AT
SCHUMACHER RD. / SEBRING PKWY.

PROJECT LOCATION URL <https://tinyurl.com/485b6vet>

PROJECT LIMITS MP 8.310 TO MP 8.595
EXCEPTIONS N/A
BRIDGE LIMITS N/A
RAILROAD CROSSING N/A



GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2026-27 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: N/A

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2026-27 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

PHASE IIR
NOVEMBER 7, 2025

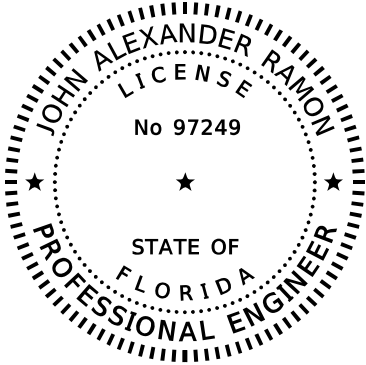
LIGHTING PLANS
ENGINEER OF RECORD:

JOHN ALEXANDER RAMON, P.E.
P.E. LICENSE NUMBER 97249
FALLER, DAVIS & ASSOCIATES, INC.
1150 ASSEMBLY DRIVE, SUITE 400
TAMPA, FL 33607-4874
(813) 261-5136
CONTRACT NO.: CAI65
VENDOR NO.: F592594956001

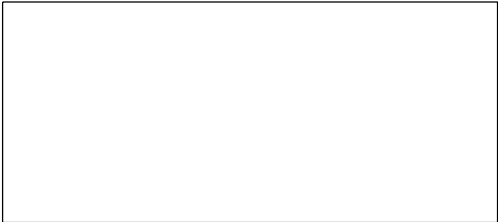
FDOT PROJECT MANAGER:

ULISES VALLES

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	27	L-1



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY



ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

FALLER, DAVIS & ASSOCIATES, INC
1150 ASSEMBLY DRIVE, SUITE 400
TAMPA, FLORIDA 33607-4874
JOHN ALEXANDER RAMON, P.E. NO.: 97249

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
L-1	KEY SHEET
L-2	SIGNATURE SHEET
L-3	GENERAL NOTES, LEGEND AND LIGHTING DATA TABLE
L-4	LIGHTING PLAN

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JOHN ALEXANDER RAMON, P.E. LICENSE NUMBER: 97249 FALLER, DAVIS & ASSOCIATES, INC 1150 ASSEMBLY DRIVE, SUITE 400 TAMPA, FL 33607-4874	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		L-2
					SR 25	HIGHLANDS	451362-1-52-02		

LIGHTING DATA TABLE

POLE NO.	MAINTENANCE RESPONSIBILITY	STATION/OFFSET	ROADWAY SETBACK	POLE TYPE	ARM LENGTH	ORIENTATION	LUMINAIRE TYPE	LUMINAIRE MAKE /MODEL	LUMEN OUTPUT	IES DISTRIB. PATTERN	CORRELATED COLOR TEMPERATURE	MOUNTING HEIGHT	INPUT WATTAGE	INPUT VOLTAGE	LOAD CENTER	CIRCUIT NUMBER	FOUNDATION TYPE	PAY ITEM NUMBER
POLE C95	HIGHLANDS	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	LED	AUTOBAHN / ATB2	29798	TYPE IV	3000K	EXIST.	233	240/480	EXIST.	EXIST.	EXIST.	715-11-211
POLE C94	HIGHLANDS	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	LED	AUTOBAHN / ATB2	29798	TYPE IV	3000K	EXIST.	233	240/480	EXIST.	EXIST.	EXIST.	715-11-211
POLE 1	HIGHLANDS	3265+30, 70' LT.	19.7'	UTILITY CONFLICT	16'	275	LED	AUTOBAHN / ATB2	29798	TYPE IV	3000K	40'	233	240/480	EXIST.	EXIST.	STANDARD	715-65-366
POLE 2	HIGHLANDS	3265+60, 174' RT.	13.6'	STANDARD	15'	180	LED	AUTOBAHN / ATB2	29798	TYPE IV	3000K	40'	233	240/480	EXIST.	EXIST.	STANDARD	715-61-352
POLE 3	HIGHLANDS	3266+18, 96' RT.	13.3'	STANDARD	15'	140	LED	AUTOBAHN / ATB2	29798	TYPE IV	3000K	40'	233	240/480	EXIST.	EXIST.	STANDARD	715-61-352
POLE 4	HIGHLANDS	3266+33, 99' LT.	14.9'	STANDARD	15'	180	LED	AUTOBAHN / ATB2	29798	TYPE IV	3000K	40'	233	240/480	EXIST.	EXIST.	STANDARD	715-61-352
POLE C97	HIGHLANDS	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	LED	AUTOBAHN / ATB2	29798	TYPE IV	3000K	EXIST.	233	240/480	EXIST.	EXIST.	EXIST.	715-11-211
POLE C96	HIGHLANDS	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	LED	AUTOBAHN / ATB2	29798	TYPE IV	3000K	EXIST.	233	240/480	EXIST.	EXIST.	EXIST.	715-11-211

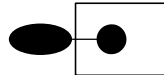
LIGHTING DATA TABLE NOTES:
ROADWAY SET BACK IS MEASURED FROM THE EDGE OF PAVEMENT TO THE CENTER OF THE LIGHT POLE.
ORIENTATION IS MEASURED COUNTER-CLOCKWISE FROM TRUE NORTH.

GENERAL NOTES:

1. MAINTAINING AGENCY: HIGHLANDS COUNTY.
2. FOR LIST OF UTILITY OWNERS, SEE GENERAL NOTES IN ROADWAY PLANS.

LEGEND:

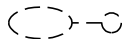
DESCRIPTION:



PROPOSED LIGHT POLE. STANDARD FOUNDATION



EXISTING LUMINAIRE TO BE RETROFIT



EXISTING LIGHT POLE TO REMAIN



PROPOSED PULL BOX



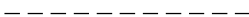
EXISTING PULL BOX TO REMAIN



OPEN TRENCH CONDUIT



DIRECTIONAL BORE CONDUIT



EXISTING CONDUIT TO REMAIN

SIGNALIZED INTERSECTION RETROFIT LIGHTING DESIGN CRITERIA

DESIGN WIND SPEED	140 MPH
AVERAGE INITIAL ILLUMINATION	1.5 STD. H.F.C.; 1.5 STD. V.F.C.
	1.0 MIN. H.F.C.; 1.0 MIN. V.F.C.
AVERAGE TO MIN.	4:1 OR LESS
MAX. TO MIN.	10:1 OR LESS

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES, LEGEND AND LIGHTING DATA TABLE	SHEET NO.
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					SR 25	HIGHLANDS	451362-1-52-02		

11/5/2025 11:07:41 AM jramon
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

